



Appl. No. 10/686,738
Amdt. Dated Sept. 1, 2005
Reply to Office Action of June 1, 2005
Replacement Sheet

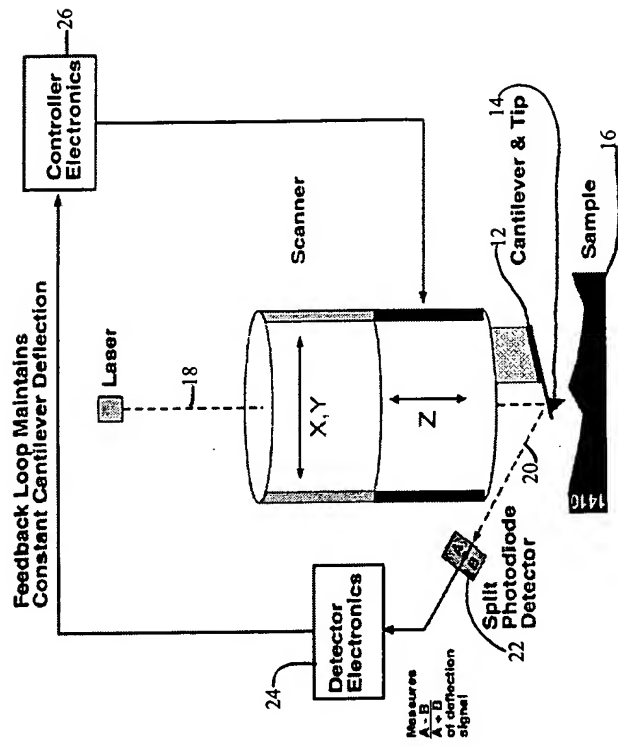


FIG. 1

PRIOR ART

FIG. 3

AFMAnalyze Options

38 Force-Distance Curve Analysis 39 Force Volume Analysis 40 Lateral Force Analysis

File Extension
☐ Show all files
☐ Show only *.txt files
☐ Show only *.asc files
☐ Other files

Tip Type
☒ Pyramidal Cantilever Tip
☐ Spherical Cantilever Tip
☐ Conical Cantilever Tip

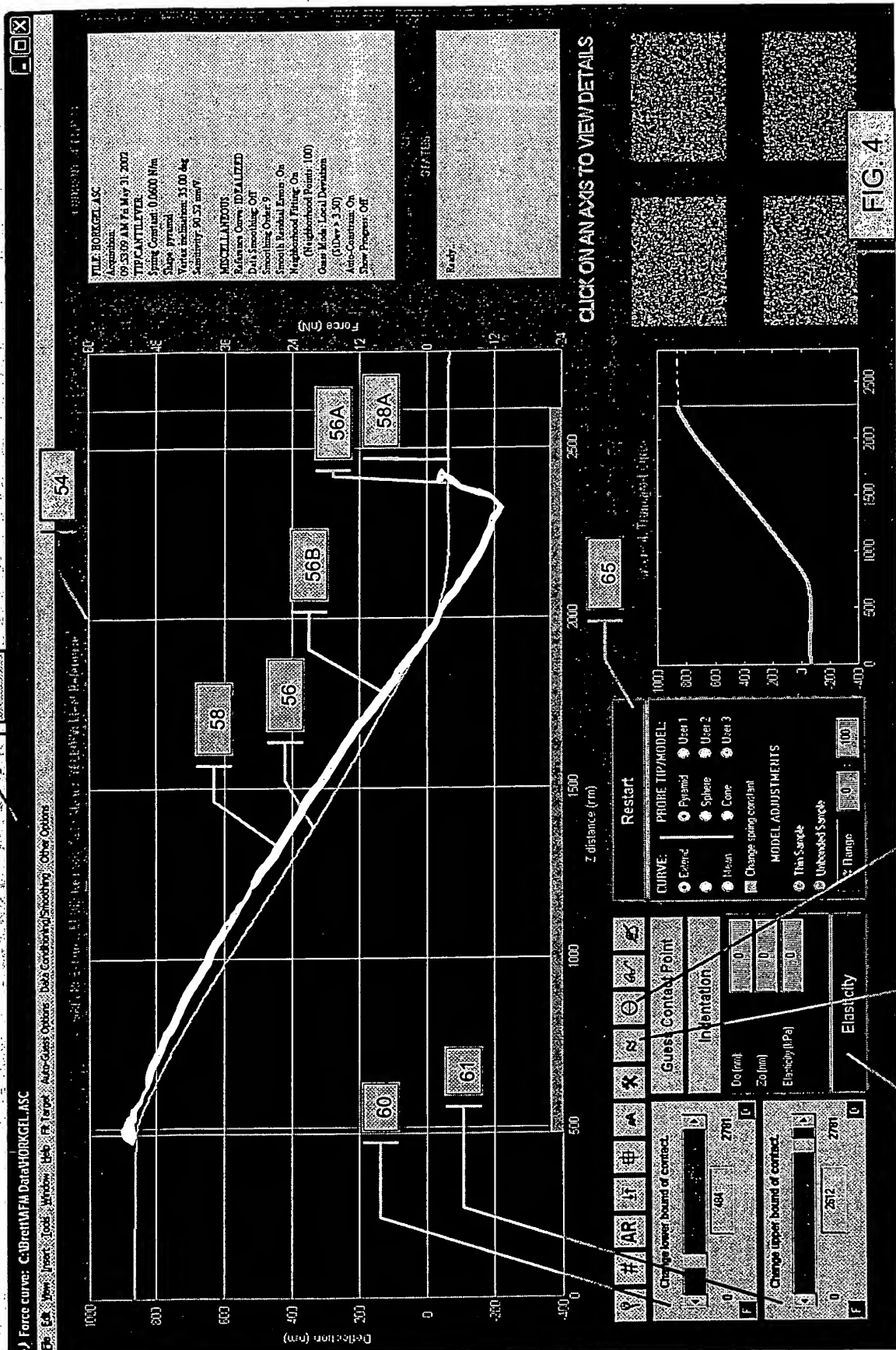
Cantilever Parameters
48 Vertex inclination (deg) 35
49 Tip Radius (microns) 4.3
50 Cone Half-Angle (deg) 18

☒ Close All Figures

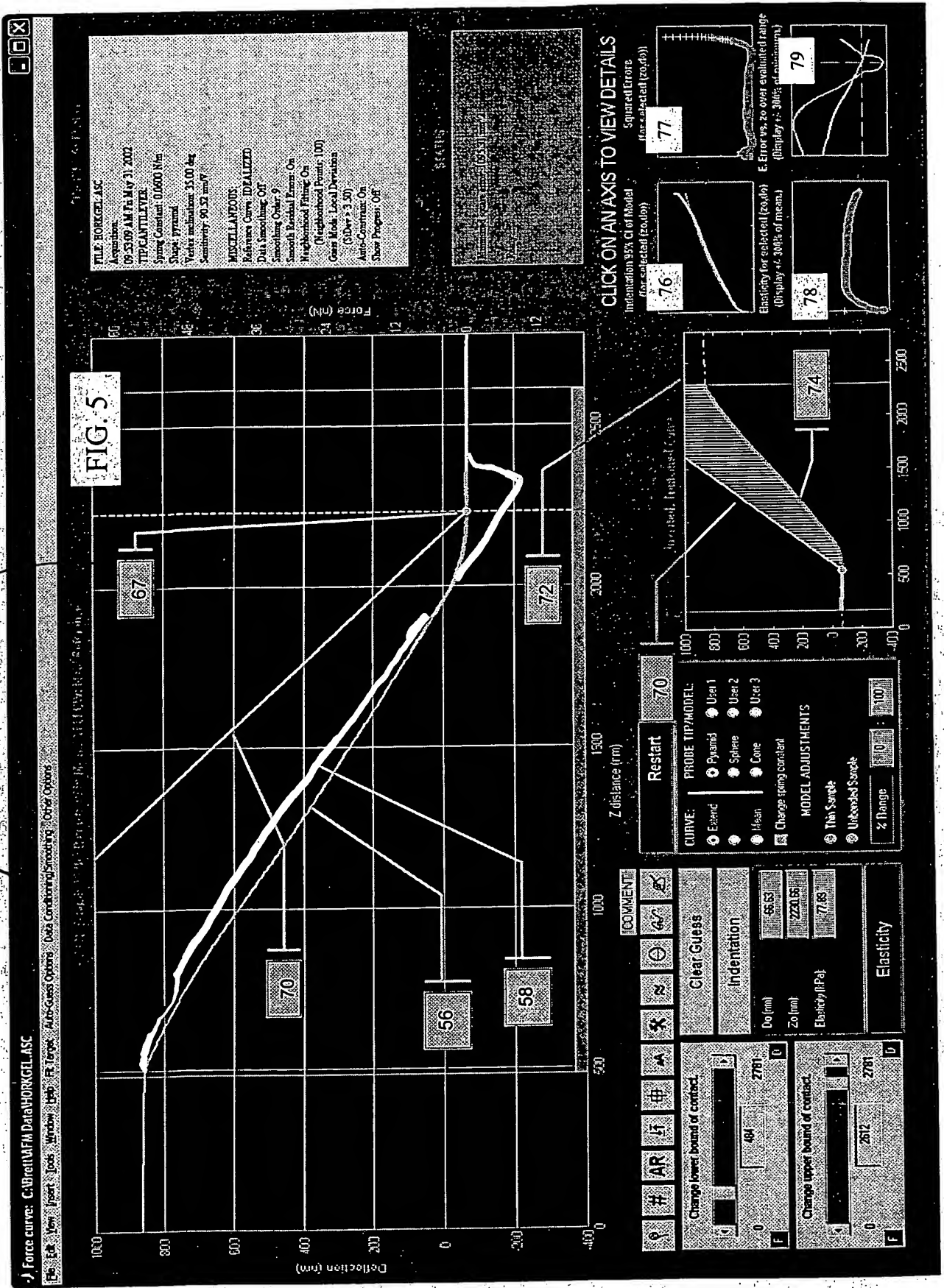
Manufacturer DIWebco 42 Software Version 4.3x / 4.4x 44 Start search in: C:\Brett\AFM Data

CONTINUE... 51
CANCEL

37



52 54

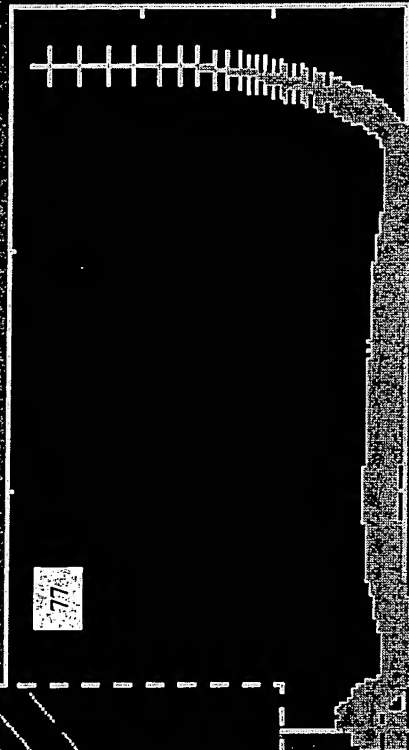
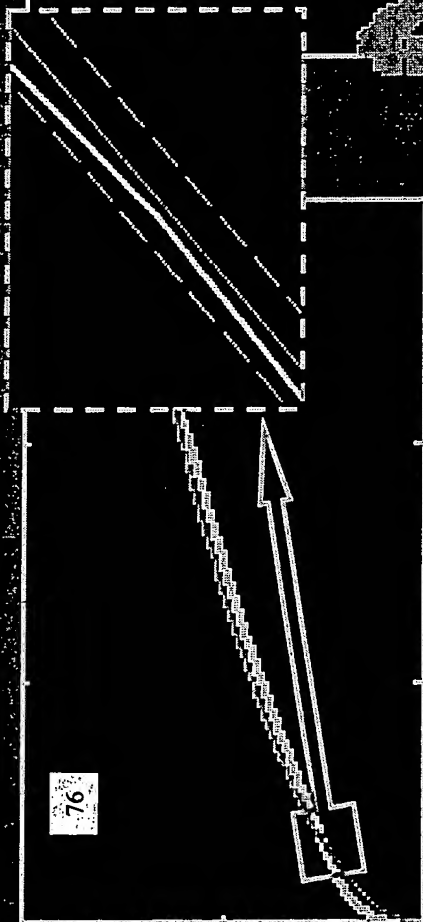


76A

CLICK ON AN AXIS TO VIEW DETAILS

Indentation: 95% CI of Model
(for selected (z0,10))

Squared Errors
(for selected (z0,10))



Elasticity for selected (z0,10) E, Error vs. z0 over evaluated range
(Display +/- 300% of mean.) (Display +/- 300% of minimum.)

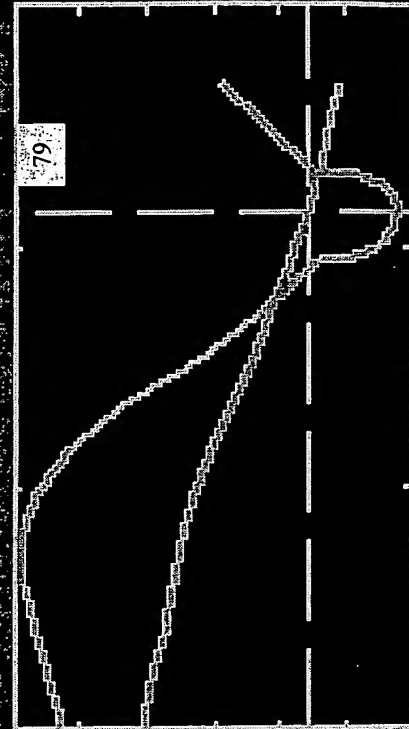
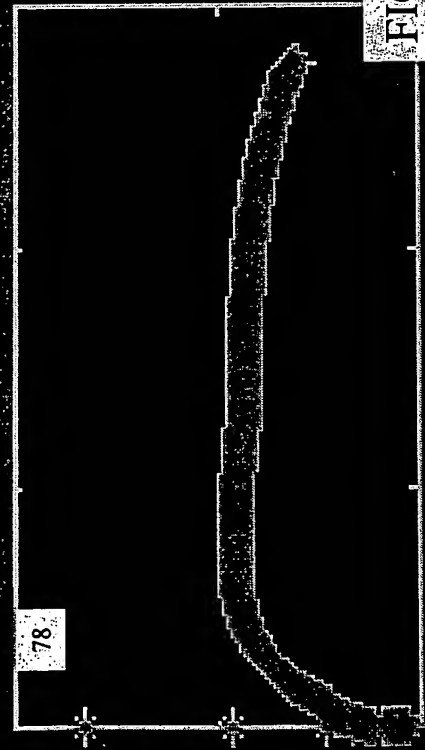


FIG. 6